

Spring 2013 | Volume 5 | Number 1

# PEN

MARSHALL UNIVERSITY JOAN C. EDWARDS SCHOOL OF MEDICINE  
*Professional Enhancement Newsletter*

KEEPING YOU CONNECTED

## Sundaram to lead translational research at JCESOM

*Dr. Uma Sundaram*

Dr. Uma Sundaram joins us from West Virginia University, where he served as professor of medicine, microbiology, immunology and cell biology; director of the

West Virginia Clinical and Translational Science Institute; and assistant vice president of the WVU Health Sciences Center.

Since 1989, he has been a practicing gastroenterologist specializing in the care of patients with inflammatory

bowel disease and hepatobiliary diseases and in therapeutic biliary endoscopy. Dr. Sundaram was the founding director of the West Virginia Clinical and Translational Science Institute, and he established the Digestive Disease Fellowship Training Program at the Robert C. Byrd Health Sciences Center of West Virginia University, the only GI fellowship training program in the state.

Dr. Sundaram began his education studying bioengineering at Johns Hopkins University, where his interest in basic, clinical and translational research was born. He earned his medical degree at the Medical College

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### At JCESOM, Excellence Matters

*Excellence matters not only to the reputation and goals of our institution, but also to the satisfaction and intellectual fulfillment of our academic community. JCESOM faculty are committed to excellence in their areas of responsibility. By developing an intellectually rich environment, we are creating a climate that is both dynamic and caring which translates into a culture of appreciation for those who model the values of excellence in their everyday work.*

*Darshana Shah*

***"Excellence is not a skill.  
It is an attitude."  
– Ralph Marston***

## From the Dean's Desk



Dear colleagues,

Besides the LCME, spring brings a lot to the JCESOM. At this point, we have picked our entering class of students, although some additional changes can be expected right up until the class begins. We've just had "Match Day," so our seniors know where they will be going. Overall, I'd say the match was a big success for our students as well as our own residency programs. On May 10, 75 students received their doctor of medicine degrees, including three whose parents also graduated from the school.

That said, the LCME remains the "elephant in the room," and it is difficult to think too much beyond this.

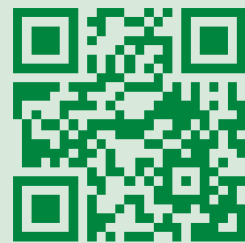
We find ourselves in the final stages of preparing for this upcoming LCME visit. We know who the site visitors are, and we know whom they want to visit with. We are making final changes to the briefing book and associated appendices as well as preparing the groups that will be interviewed by our site visitors. We've done a huge amount of work, and I remain optimistic that we'll have a good visit. I emphasize to our faculty, staff and students that we have a lot to be proud of, and this positive energy that characterizes the JCESOM will truly impress our site visitors. If you review the briefing book (preliminary drafts have been viewable to anyone with a JCESOM sign on and the final version will be available to the public), you will be pleased and proud of what we have accomplished. Looking beyond the site visit, albeit a hard thing to do, I would emphasize to our faculty, staff and students that we need to sustain the great things we have done into the future. If we are able to do that, I expect we will become an exemplar of an excellent and relevant medical school.

Warm regards,

A handwritten signature in black ink, reading "Joseph I. Shapiro".

Joseph I. Shapiro, M.D.  
Dean, JCESOM

***Please visit the web  
site for the Office  
of Faculty Affairs  
& Professional  
Development  
to view a range  
of educational  
opportunities  
and professional  
development to suit  
your needs!***



*Sundaram continued from page 1*

of Ohio (University of Toledo College of Medicine) and completed his residency in internal medicine at the University of Michigan Medical School. Dr. Sundaram then completed a fellowship at the Division of Digestive Diseases of Yale University School of Medicine.

His board certifications include the National Board of Medical Examiners, internal medicine and gastroenterology. Throughout his career, Dr. Sundaram has demonstrated a commitment to basic, clinical and translational research that has resulted in him being awarded a variety of research project grants from the National Institutes of Health and other agencies.

### **The Office of Faculty Affairs and Professional Development**

For news about the revised Promotion and Tenure Guideline, the Faculty Mentoring Program, upcoming events and so on, please visit **[musom.marshall.edu/fdp/](http://musom.marshall.edu/fdp/)**.

## **Joan C. Edwards School of Medicine picks up national award for family medicine**



*Dr. W. Mitchel Shaver (left) accepts an award for the number of graduates who enter family practice residencies from Jeff Cain, M.D., president of the American Academy of Family Physicians.*

*Photo credit: American Academy of Family Physicians.*

The JCESOM has received a Family Medicine “Top Ten” award from the American Academy of Family Physicians (AAFP) for being one of the nation’s top schools in the percentage of graduates entering family medicine residencies.

Based on a three-year average ending in October 2012, AAFP reports 18.5 percent of Marshall medical school graduates have chosen family medicine residencies. The average places the school as number five in the country and the only medical school in West Virginia in the Top Ten.

Since 1992, Marshall has been honored 19 times by the AAFP for its high percentage of medical students choosing family medicine residencies.

Dr. W. Mitchel Shaver, residency director for Marshall’s Department of Family Medicine, accepted the award during a ceremony May 3 at the Society of Teachers of Family Medicine Annual Spring Conference in Baltimore.

## **Academy of Medical Educators appoints chair and chair-elect**



**McKinney**



**Franks**

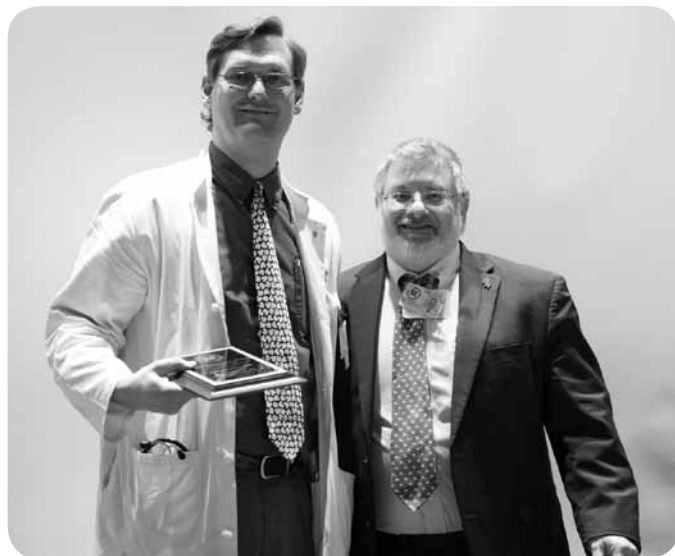
Approximately nine years after its inception, the academy is restructuring according to criterion-based categories for Acceptance and Advancement, allowing for the opportunity to receive funding for innovative Educational Project (iEP). Gerald McKinney, M.D., has been appointed as chair, and Adam Franks, M.D., as chair-elect. They both graduated from the academy in 2006.

**For more information about the academy, please visit [musom.marshall.edu/fdp/academy.asp](http://musom.marshall.edu/fdp/academy.asp).**

# 2013 JCESOM Faculty Awards Winners

*Presented on May 15, 2013*

## Dean's Award of Excellence



**Clinical Care: Adam Franks, M.D.**, in appreciation of his commitment, dedication and pursuit of excellence in clinical care. Award presented by Joseph I. Shapiro, dean.

Adam M. Franks, M.D., is an associate professor and associate residency director of the Department of Family and Community Health. Born at Cabell Huntington Hospital, he received his undergraduate degree in the Fifth Yeager Scholar Class at Marshall University, where he also received his medical degree. During his third year of medical education, he completed the Marshall Primary Care Curriculum, a longitudinal clinical year with the Family Medicine Department. This led to acceptance into the Accelerated Program, allowing the simultaneous completion of his fourth year of medical school and intern year of his family medicine residency. In addition to receiving the Bertha Lake Polan award for the highest GPA in his medical school class, he was inducted into the medical honorary Alpha Omega Alpha and voted the most "Outstanding Resident" in his class for all three years of his residency. After his residency, he attained his CAQ of Advanced Maternal Care and Surgical Obstetrics at the University of Tennessee in Memphis.

Dr. Franks has been a member of the faculty of the Department of Family Medicine since 2002 with an office situated in Lavalette, W.Va. His unique training allows him to see a diverse outpatient population with specific emphasis on obstetrics, pediatrics and procedures. The hospital also finds prominence in Dr. Franks' schedule, both on the Family Medicine service and Labor and Delivery.

He has been the Family Medicine section chief at Cabell Huntington Hospital since 2011. He is a graduate of the

Academy of Medical Educators. He has been involved in mentoring both students and residents, leading to teaching awards both at Tennessee and Marshall universities. Out of his ten years at Marshall, he has won awards in nine of those years, including the 2013 Rural Preceptor of the Year.



**Clinical Research: Yoram Elitsur, M.D.**, in appreciation of his commitment, dedication and pursuit of excellence in clinical research. Award presented by Joseph I. Shapiro, dean.

Dr. Yoram Elitsur is professor, associate chair and director of research development in the Department of Pediatrics. He received his medical degree from Hadassah Medical School in Israel, and completed a residency in pediatrics at Soroka Medical Center in Israel. Following the completion of pediatric gastroenterology fellowships at Children's Hospital of Buffalo in New York and Detroit Medical Center in Michigan, Dr. Elitsur accepted a Gastroenterology Research Fellowship at Wayne State University.

Dr. Elitsur joined Marshall University in 1990 as director of the Pediatric GI Division. He has been a research mentor to 25-plus residents and fellows. His primary clinical and research interests focus on *Helicobacter pylori*, inflammatory bowel and celiac disease. He regularly presents his work at national and international conferences. Dr. Elitsur is the recipient of 25-plus extramural grants from many agencies, including NIH, and has published 123 manuscripts and 98 abstracts. He is on several editorial boards including *World Journal of Gastroenterology*, and is a journal reviewer for more than 15 journals. Dr. Elitsur's has a special interest in research on gut immunology with over 20 publications on the topic.

He was honored in 2008 with the Marshall University Distinguished Artists and Scholars Award (MU-DASA) for Excellence in Science and Technology. As a clinician, he has



organized several community Celiac Awareness events. He has also won the “Patients’ Choice” doctor award for two consecutive years (2009 & 2010). He is listed in the Marquise *Who’s Who in the World* for 2011 and 2012.



**Basic Science Research: Piyali Dasgupta, Ph.D.,** in appreciation of her commitment, dedication and pursuit of excellence in basic science research. Award presented by Joseph I. Shapiro, dean.

Dr. Dasgupta is a tenured associate professor in the Department of Pharmacology, Physiology and Toxicology. Originally from India, she arrived at Marshall University after completing postdoctoral fellowships at the College of Physicians and Surgeons, Columbia University, N.Y., and the H. Lee Moffitt Cancer Center, Tampa, Fla. During her postdoctoral fellowship, she explored the mechanisms by which nicotine could protect non-small cell cancer cells from the action of chemotherapeutic drugs.

After her postdoctoral fellowship, Dr. Dasgupta joined JCESOM in August 2007. At the present time, studies in Dr. Dasgupta’s laboratory examine how components of tobacco can promote the progression of lung cancer. Nicotine is the major active and addictive component of cigarette smoke. Specifically, her research focuses on how nicotine can facilitate the growth and metastasis of small cell lung cancers. She is also part of the Nutrition and Cancer Center at Marshall University and investigates the anti-cancer activity of capsaicin (the active ingredient of chili peppers) in small cell lung cancer. Dr. Dasgupta is the recipient of extramural grants from several agencies like the NIH, Flight Attendant Medical Research Institute, PhRMA Foundation, American Society for Pharmacology and Experimental Therapeutics and the American Retina Foundation.

Dr. Dasgupta is a member of several prestigious scientific associations like the American Society for Investigative Pathology, American Association of Cancer Research and the American Society of Pharmacology and Experimental Therapeutics. She was the only junior investigator selected nationally to receive the ASPET-Astellas Award from the American Society of Pharmacology and Experimental Therapeutics in 2009. Marshall University has honored her with the Marshall University Distinguished Artists and Scholars Award (MU-DASA) in 2009 and the John and Francis Rucker Graduate Faculty Award in 2010. She regularly presents her work at National and international conferences. She was invited to chair a minisymposium entitled “Modeling Cancer: Biological and Therapeutic Implications” in Experimental Biology Conference, San Diego, 2012. She has more than 20 peer-reviewed publications, most as first author or corresponding author, in acclaimed journals including the Proceedings of the National Academy of Sciences, USA, the Journal of Clinical Investigation, and Cancer Research.



**Education: Stephen Petrany, M.D.,** in appreciation of his commitment, dedication and pursuit of excellence in education. Award presented by Joseph I. Shapiro, dean.

Stephen M. Petrany is professor and associate chairman of the Department of Family and Community Health. A native of Brooklyn, N.Y., he received his medical degree from Georgetown University and completed his residency training at the Virginia Commonwealth University Fairfax Family Medicine Program. He was introduced to Marshall when he practiced across the river in Chesapeake, Ohio, in the 1980s as part of a Public Health Service commitment. After returning east to a private practice in Connecticut,

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Dr. Petrany in 1989 joined the full-time faculty at Marshall, where he found the perfect environment to engage in his two professional passions: working with the underserved and teaching. Dr. Petrany served as the family medicine residency director for 15 years through 2005, during which time he developed several innovative educational initiatives including the state's first rural residency program at Lincoln County and the accelerated residency program.

Most recently he, with Jennifer Plymale, developed the Paul Wesley Ambrose Health Policy Program, the nation's first formal health policy track in a family medicine residency. Dr. Petrany is medical director for Ebenezer Medical Outreach, which provides health care services to the uninsured of our region. He has been an invited speaker regarding his special interests in medical ethics and the cultural perceptions of physicians in our society. He has published several papers on medical education research and is a peer reviewer for American Family Physician. Dr. Petrany has secured several Department of Health and Human Services grants for innovations in residency education. He is actively involved in teaching Marshall's medical students during all four years of their education, as well as residents in family medicine. He has been honored with several departmental and medical school awards for teaching excellence.

## Department Awards

### Best Teaching Team The Department of Family Medicine



John Walden, M.D., and Paulette Wehner, M.D.

### Best Research Team: The Department of Pharmacology, Physiology & Toxicology, for the highest number of grants received.



Gary Rankin, Ph.D., and Todd Gress, M.D.

### Most Published: The Department of Internal Medicine, for the highest number of scholarly publications.



Larry Dial, M.D., and Richard Niles, Ph.D.



### Best Idea Award

**Kevin Conaway, M.D.**, for fostering connections and communication in the School of Medicine. Award presented by Leah Payne, director of public affairs.



### Espirit de Corps Award

**Franklin Shuler, M.D., Ph.D.**, for encouraging collaboration and camaraderie across the School of Medicine community. Award presented by Linda S. Holmes, director, development and alumni affairs.

### Academic Citizenship Excellence Awards, for exemplifying the traits of a "lifelong learner."



**Bronze** Todd Gress, M.D. and Richard Egleton, Ph.D. The other award recipients are Ellen Thompson, M.D., and Richard Egleton, Ph.D.



**Silver** John Parker, M.D. (The other award recipients are Houssam Mardini, M.D., Susan Jackman, Ph.D., and Maria Lopez-Marti, M.D.)



**Gold** Adam Franks, M.D.



# Solidarity Day

On Feb. 14, 2013, the JCESOM joined almost 60 medical schools and institutions from across North America in taking a stand for humanism in medicine by observing the third Gold Humanism Honor Society (GHHS) Solidarity Day for Compassionate Patient Care. Gov. Earl Ray Tomblin issued a proclamation announcing the week of February 11 as the Compassionate Patient Care Week in West Virginia. The week's activities included an information booth in the lobby of the Marshall University Medical Center where GHHS student members distributed Compassionate Patient Care GOLD buttons to health care providers, wrist bands with "Herd of Hearts," and fruit and popcorn to visitors. Additionally, an assembly was held on Friday, Feb. 15, in the Harless Auditorium where JCESOM faculty members shared brief stories from their careers that have helped them understand the importance of compassion in patient care.



Faculty members participating in the GHHS Solidarity Day Assembly included Drs. Werthammer, Shapiro, Touchon, Douglas, Patton-Tackett, Neitch, Evans, Oliashirazi, El-Hamdani, Wehner and O'Hanlon

## Otitis media

*The Pharos*  
Winter 2013

I am in the middle  
of a controversy  
with your mother,  
and her mother  
about why you have  
been pulling at your ear,  
while you just sit there  
with pampered potbelly  
saying nothing.

The crunch of the  
examining table's  
crinkled paper in  
your double-fisted  
hands makes you  
smile responsively and  
tune out their  
cacophony  
over antibiotics.

They do not buy into  
my normal exam  
or the presence  
of sticky waxy  
or the idea that  
you just found your  
ears after six months;  
or my internal thought  
you are just being a baby.

So they pack you up  
in haste, unsatisfied  
with me because of  
your habit, acquired  
from watching too much  
baseball with dad and his  
ESPN babysitter who has  
infected you with  
signaling  
everyone to steal second.

Aaron M. McGuffin, M.D.

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# *Welcome*

## Welcome New Faculty Members



**Uma Sundaram, M.D.**  
Internal Medicine



**Samrina Hanif, M.D.**  
Neuroscience



**Todd Davies, Ph.D.**  
Internal Medicine



**Glennis Peters, MA-LPC**  
Psychiatry & Behavioral  
Medicine



**Terrence Julien, M.D.**  
Neuroscience



**Jennie Yoost, M.D.**  
Obstetrics & Gynecology



**John Cornell, M.D.**  
Neuroscience



**Kelly Melvin, M.D.**  
Psychiatry & Behavioral  
Medicine

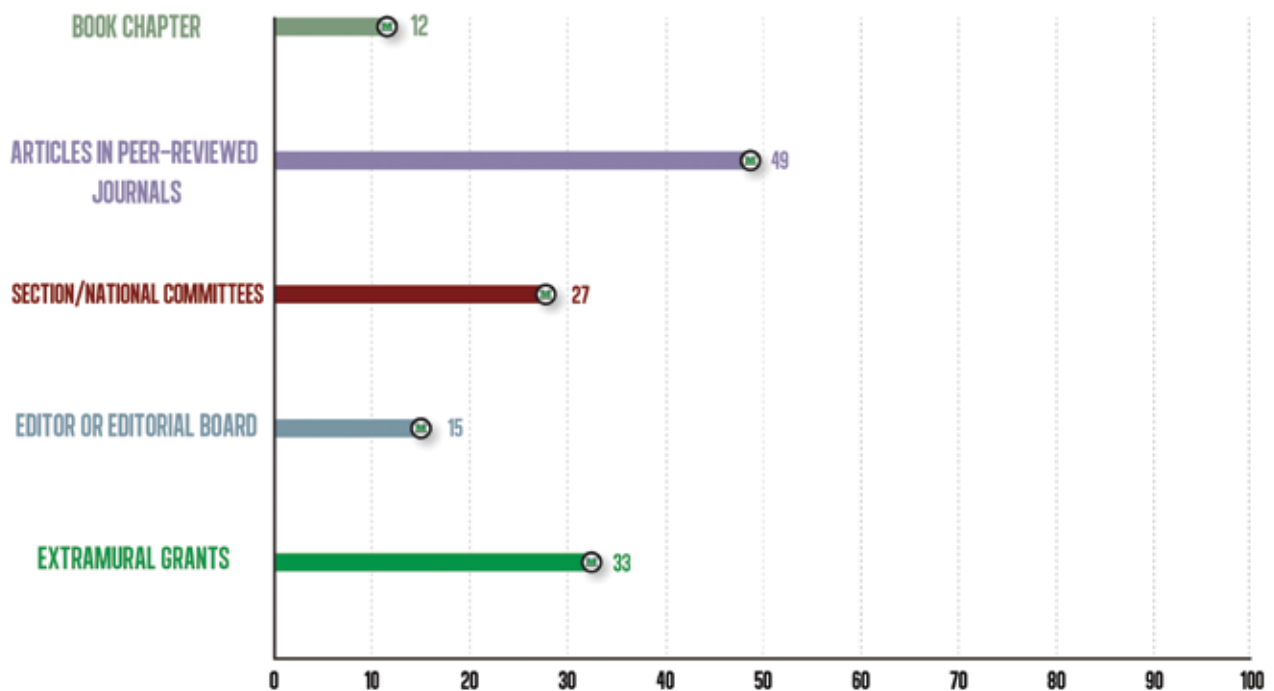


**Komal Sodhi, M.D.**  
Surgery



# AWARDS, HONORS & SERVICE

JCESOM- FACULTY EXCELS IN SCHOLARLY ACTIVITY- JANUARY 2013- MAY 2013



## NATIONAL

### Anatomy & Pathology

**Darshana Shah** has been elected president, January 2013 to present, of the Group for Research in Pathology Education (GRIPE), a 42-year-old national organization of pathology educators whose purpose is to promote and facilitate excellence in pathology education. GRIPE is made up of institutional subscriptions and individual memberships of pathology educators across the United States, Canada and several international countries.

**Darshana Shah** was invited as a special delegate to participate in TEDMED Live Great Challenges Day, hosted at George Washington University, to discuss the 20 Great Challenges of Health and Medicine.

**Maria A. Serrat** was on the Poster Judging Committee for the American Physiological Society Scholander Competition, held at the Experimental Biology Meeting in April 2013.

### Obstetrics & Gynecology

**David Jude** is a member of the USMLE Interdisciplinary Review Committee, National Board of Medical Examiners.

### Orthopaedics

**Franklin Shuler** is co-chair, Second Annual Arthroplasty Course, International Congress for Joint Reconstruction.

### Pediatrics

**Jenna Dolan** is a member of and contributor to the Pediatric Nurse Education Committee, beginning January 2013.

### Pharmacology, Physiology & Toxicity

**Monica A. Valentovic** is secretary/treasurer for the ASPET Division of Toxicology through May 31, 2013.

**Monica A. Valentovic** is chair of Judges for Division of Toxicology Best Graduate Student and Postdoctoral Fellows Abstract Awards.

## LOCAL & STATE

### Anatomy & Pathology

**Linda Brown** is chair of the credentials committee and president-elect of the Medical and Dental Staff, Cabell Huntington Hospital.

### Family & Community Health

**Charles Clements** is a member of the board, Clinical Service, Doctors Care for Cabell County, beginning Jan. 13, 2013.

### Obstetrics & Gynecology

**David Jude** is vice chairman of the American College of Obstetricians and Gynecologists, West Virginia section.

## Professional Milestones

### Obstetrics & Gynecology

**Jennie Yoost** received her master of science degree in clinical investigational sciences from the University of

*continued on page 10*

Louisville Department of Public Health and Informational Sciences. (Thesis defended and accepted April 2013; degree awarded May 2013.)

### Ophthalmology

**Russell Fry** has been certified on the VISX laser and wavefront correction in St. Louis, Mo., with Dr. Stephen Wexler of TLC Laser Eye Centers. This laser is used for the correction of hyperopia, astigmatism and myopia. University Eye Surgeons makes this technology available monthly. Fry joins Dr. Charles Francis as the only two ophthalmologists certified on this laser in the area.

## Industry Sponsored Clinical Trials

### Cardiovascular Services

**Heather Carver, CS-FNP** (Contributor). "Global Registry on Long-Term Oral Anti-thrombotic Treatment in Patients with Atrial Fibrillation (Phase II/III)." Boehringer Ingelheim, April 2013-ongoing.

**Mehair El-Hamdani** (PI). "Global Registry on Long-Term Oral Anti-thrombotic Treatment in Patients with Atrial Fibrillation (Phase II/III)." Boehringer Ingelheim, April 2013-ongoing.

**Melissa Lester, D.O.** (Co-PI). "Global Registry on Long-Term Oral Anti-thrombotic Treatment In Patients with Atrial Fibrillation (Phase II/III)." Boehringer Ingelheim, 2013-ongoing.

**Robert Touchon** (PI) and **Ellen Thompson** (Co-PI). "OMEGA-3's IN METABOLIC SYNDROME: The objective of this study is to determine the efficacy of VASCAZEN in increasing blood concentrations of long-chain omega-3 polyunsaturated fatty acids in enrolled subjects, as well as safety of use." Pivotal Therapeutics, July 2013-ongoing.

## Books and Book Chapters

### Biochemistry & Microbiology

**Pier Paulo Claudio**, contributor. "Cutting edge therapies for cancer in the 21st century." *Bentham*, October 2013.

### Family & Community Health

R. Rondinelli and **Mohammed Ranavaya**. "Current American Medical Association Guidelines for Evaluating Musculoskeletal Impairment at Maximum Medical Improvement." In *Handbook of Musculoskeletal Pain and Disability Disorders in the Workplace*, in press, 2013.

R. Rondinelli and **Mohammed Ranavaya**. "Disability assessment." In *Practical Management of Pain*, in press, 2013.

### Multidisciplinary

**Adam Franks** (Family Medicine) and **Joseph I. Shapiro** (Internal Medicine). "Respiratory and mixed acid-base disorders." In *Nephrology in 30 days*, 2nd edition, in press, 2013.

**Adam Franks** and **Joseph I. Shapiro**. "Simple acid-base disorders: Metabolic alkalosis." In *Nephrology in 30 days*, 2nd edition, in press, 2013.

### Orthopaedics

Pooya Hosseinzadeh and **Ali Oliashirazi**. "Hip Biomechanics." *Hip Arthroplasty: The Essentials*. Ed. Parvizi, M.D., in press, 2013.

B. Ma, M.R. MacEwan, **Franklin D. Shuler**, **Matthew K. Wingate** and J. Xie. "Recent advances on three-dimensional electrospun nanofiber scaffolds for tissue regeneration and repair." In *Tissue Regeneration: Where Nanostructure Meets Biology*, ed. Qing Liu and Hongjun Wang. Frontiers in Nanobiomedical Research. World Scientific Publishing Co., in press, November 2013.

### Pediatrics

**James Binder**. *Primary Care Interviewing: Learning Through Role Play*. Springer, in press, June 2013.

### Pharmacology, Physiology & Toxicology

P.J. Harvison, **Gary O. Rankin**. "Diuretics." *Foye's Principles of Medicinal Chemistry*, in press, 2013.

K.A. Witt, T.P. Davis, **Richard E. Egleton**. "Opioid peptides and the blood brain barrier." In *Handbook of Biologically Active Peptides*, in press, 2013.

## Journal Reviewers & Editors

### Anatomy & Pathology

**Darshana Shah** is associate editor, *Journal of Medical Science Educators*, 2013.

**Maria Serrat** reviewed papers for *PLoS ONE* and *Journal of Applied Physiology*, 2013.

### Biochemistry & Microbiology

**W. Elaine Hardman** reviews papers for *Nutrition and Cancer, Carcinogenesis*.

### Obstetrics & Gynecology

**David Jude** is on the editorial board of *Edorium Journal of Gynecology and Obstetrics*, March 2013.

**David Jude** reviews manuscripts for *Teaching and Learning in Medicine*, an international journal, March 2013.

### Pharmacology, Physiology & Toxicology

**Piyali Dasupta** reviews manuscripts for *Molecular Cancer PLoS One*.

**Travis B. Salisbury** reviews manuscripts for and contributes to *Biology of Reproduction* and *Molecular Endocrinology*.

**Nalini Santanam** is a journal reviewer for *Atherosclerosis*, *Journal of Nutrition and Metabolism*, *Brain Research*, *Life Sciences*, *Cardiology Research and Practice*, *PLoS One* and *Neuroscience*.

**Monica A. Valentovic** reviewed for the following journals: *Biochemical Pharmacology*, *Toxicology*, *Journal of Toxicology and Environmental Health*, *Toxicology Letters*, *Journal of Pharmacology and Experimental Therapeutics*, and *Chemical Research in Toxicology*.

## Grant Reviewers

### Biochemistry & Microbiology

**Hongwei Yu** is a member of and contributor to the NASA Space Biology (Microbiology) Study Section, NASA Research & Education Support Services (NRESS), February 2013.

### Pharmacology, Physiology & Toxicology

**Elsa I. Mangiarua** reviews grants for the National Science Foundation Graduate Research Fellowship Program, January 2013.

**Nalini Santanam** is a grant reviewer for the American Heart Association,

Cardiovascular Committee 2B; National Institutes of Health, NIH ZRG1 EMNR, Endocrinology, Metabolism, Nutrition and Reproductive Sciences IRG-S 90 study section.

**Monica A. Valentovic** reviewed grants for the NIH study section 2013/08 ZDK1 GRB-N (M2), March 14-15, 2013.

## Peer Reviewed Publications

### Anatomy & Pathology

W.L. Holloway, K.M. Claeson and **F. Robin O'Keefe**. "A virtual phytosaur endocast and its implications for sensory system evolution in archosaurs." *Journal of Vertebrate Paleontology*, 2013. O'Keefe is a volunteer faculty member (clinical associate professor).

R.A. Otero, S. Soto-Acuña, **F. Robin O'Keefe**, J.P. O'Gorman, W. Stinnesbeck, David Rubilar-Rogers, C. Salazar and L.A. Quinzio-Sinn. "Aristonectes quiriquinensis sp. nov., a new highly derived elasmosaurid from the late Maastrichtian of central Chile." *Journal of Vertebrate Paleontology*, in press, 2013. O'Keefe is a volunteer faculty member (clinical associate professor).

J.X. Samuels, **Julie Meachen** and S.A. Sakai. "Postcranial morphology and locomotor habits of living and extinct carnivorans." *Journal of Morphology*, 2013; 274: 121-146.

### Biochemistry & Microbiology

A. Ata, B.P. Schell and **Philippe T. Georgel**. "Role of Human Leukocyte Antigen G (HLA-G) in Breast Cancer Pathogenesis," abstract. Biochemistry and Cell Biology for the International Asilomar Chromatin and Chromosome Conference, December 2012. Publication date June 2013.

Antonio Cortese, Mauro Savastano and Antonio Cantone. "A new palatal distractor device for bodily movement of maxillary bones by rigid self-locking mini plates and screws system." *Journal of Craniofacial Surgery*, in press, 2013. **Pier Paulo Claudio**, faculty (Biochemistry & Microbiology).

J.F. Fahrman and **W.E. Hardman**. "Omega 3 fatty acids increase the chemo-sensitivity of B-CLL-derived cell lines EHEB and MEC-2 and of B-PLL-derived cell line JVM-2 to anti-cancer drugs doxorubicin, vincristine and

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**SOM faculty take part in a targeted mentoring session, "What to do on the Feedback to Learners in Clinical Settings," March 6, 2013, in the Harless Auditorium. Top row L to R: Drs. Joseph I. Shapiro, Ali Oliashirazi, Nesreen BenHamed; bottom row L to R: Drs. Larry Dial, Todd Gress and Aaron McGuffin. The next mentoring panel session, "Ethics in Research," is scheduled for Monday, June 17, from 4 to 5 p.m., Harless Auditorium.**



fludarabine." *Lipids Health Disease*. 2013 Mar 16;12(1):36. PMID: 23497075. [Epub ahead of print]

J.F. Fahrman, **O.F. Ballester**, G. Ballester, T.R. Witte, A.J. Salazar, B. Kordusky, K.G. Cowen, G. Ion, **D.A. Primerano**, **G. Boskovic**, **J. Denvir** and **W.E. Hardman**. "Inhibition of nuclear factor kappa B activation in early-stage chronic lymphocytic leukemia by omega-3 fatty acids." *Cancer Investigation*. 2013 Jan;31(1):24-38. doi: 10.3109/07357907.2012.743553. Epub Nov. 29, 2012. PMID: 23193970.

S.L. Miles, S. Pittcock, E. Gilles, R. Vile, J. Davies, J.L. Winters, N. Abuyaghi, G. Grothey, M. Siddiqui, J. Kaur, L. Hartmann, K. Kalli, L. Pease, Kravitz, Markovic and J. Pulido. "Paraneoplastic Bilateral Diffuse Uveal Melanocytic Proliferation is Caused by a Factor Found in the IgG Fraction of Serum." *Retina*, in press, 2013. **Richard M. Niles**, faculty.

### Cardiovascular Services

Victor A. Ferraris, Suellen P. Ferraris, **Paulette S. Wehner** and Edward R. Setser. "The dangers of gathering data: Surgeon-specific outcomes revisited." *International Journal of Angiology*, in press, 2013.

N.D.P.K. Manne, M. Lima, R.T. Enos, **Paulette Wehner**, L.A. Carson and E. Blough. Center for Diagnostic Nanosystems, Department of Pharmaceutical Science and Research, Marshall University. "Altered cardiac muscle mTOR regulation during the progression of cancer cachexia in the ApcMin/+ mouse." *International Journal of Oncology*, in press, 2013.

### Family & Community Health

C.B. Forrest, K.B. Bevans, A.W. Riley, **Richard Crespo** and T.A. Louis. "Health and School Outcomes During Children's Transition into Adolescence." *Journal of Adolescent Health*, in press.

**Dilip Nair**. "A Dream." *Family Medicine*, in press, 2013.

**Dilip Nair**. "Prevention and Treatment of Travelers' Diarrhea." *Journal of Family Practice*, in press, 2013.

**John Walden**. "The Association Between Global Health Training and Underserved Care: Early Findings From Two Longstanding Tricks." *Family Medicine*, 2013;45(4):263-7.

### Internal Medicine

**Nader G. Abraham**. "HO-1 Induction Improves Type-1 Cardiorenal Syndrome in Mice with Impaired AngII-induced Lymphocyte Activation (SCID Mice)." *Hypertension Journal*. Accepted for publication.

S.T. Haller, P. Kalra, J. Ritchie, T. Chrysochou, P. Brewster, W. He, **H. Yu**, **J. Shapiro** and C.J. Cooper. "Effect of CD40 and sCD40L on renal function and survival in patients with renal artery stenosis." *Hypertension*. In Press.

**Aaron M. McGuffin**, Amy Vaughan and J. Wolford. "Urticarial Vasculitis in a Teenage Girl." *Journal of Investigative Medicine High Impact Case Reports*, in press, 2013.

**Maria R. Tirona**. "Breast Cancer Screening Update." *American Family Physician*. 87(4):274-278, 2013.

Sheila Stephens and **Maria Tria Tirona**. "Building an Oncology Fellowship Program: A unique hospital and school of medicine collaborative." *Oncology Issues*, Jan-Feb, 2013.

A.H. Tzamaloukas, D. Malhotra, B. Rosen, D.S.C. Raj, G. Murata and **Joseph I. Shapiro**. "Principles of management of severe hyponatremia." *Journal of the American Heart Association*, in press, 2013.

A.H. Tzamaloukas, Y. Sun, N.K. Konstantinov, T.S. Ing, R.I. Dorin, D. Malhotra, G.H. Murata and **Joseph I. Shapiro**. "Principles of quantitative fluid and cation replacement in extreme hyperglycemia." *Cureus*, in press, 2013.

### Multidisciplinary

**R. Ahmed** (Internal Medicine resident) and **Y. Darrat**, **M. El-Hamdani** and **A. Yaqub** (all Cardiovascular Services). "Acute Cardiomyopathy and Multi-organ failure in a patient with Pheochromocytoma and Neurofibromatosis type 1." *Journal of The Pakistan Medical Association*, in press, 2013.

**R. Ahmed** (Internal Medicine resident), **Stephen Petrany** (Family & Community Health), **R. Fry** and **M. Krasnow** (both Ophthalmology). "Screening Diabetic and Hypertensive Patients for Ocular Pathology using Telemedicine Technology in Rural WV: A Retrospective Chart Review." *West Virginia Medical Journal*. 2013 Jan-Feb;109(1):6-10.

A.D. Belalcázar, J.G. Ball, L.M. Frost, **M.A. Valentovic** (Pharmacology, Physiology & Toxicology) and **John Wilkinson** (Anatomy & Pathology). "Transsulfuration Is a Significant Source of Sulfur for Glutathione Production in Human Mammary Epithelial Cells." *ISRN Biochemistry*, Vol. 2013, Article ID 637897, 1-7, 2013.

Christopher A. Drummond, George Buddny, Steven T. Haller, **Jiang Liu** (Pharmacology, Physiology & Toxicology), Yanling Yan, Zijian Xie, Deepak Malhotra, **Joseph I. Shapiro** (Internal Medicine) and Jiang Tian. "Gender differences in the development of uremic cardiomyopathy following partial nephrectomy: Role of progesterone." *Hypertension-open Access*. 2013, 2:1, in press.

L. Fedorova, N. Puri, **Komal Sodhi** (Surgery), T. Hinds, **J.I. Shapiro** (Internal Medicine) and D. Malhotra. "Peroxisome proliferator-activated receptor delta agonist, HPP593, prevents renal necrosis under chronic ischemia." *PLoS ONE*, in press, 2013.

Terry D. Hinds Jr., **Komal Sodhi** (Surgery), Charles Meadows, Larisa

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## Representatives to the Association of American Medical Colleges Inaugural Council of Faculty and Academic Societies (CFAS)

Drs. Rankin and Franks will be joined on the council by two representatives from each member academic specialty society. The diversity of medical school faculty members represented in CFAS will identify issues critical to faculty members; suggest potential solutions and remedies; and, inform the AAMC of the views of faculty as it plans programs, services and policies.



Dr. Rankin



Dr. Franks

### Awards & Honors continued from page 12

Fedorova, Nitin Puri, Dong Hyun Kim, Stephen J. Peterson, **Joseph Shapiro** (Internal Medicine), **Nader G. Abraham** (Internal Medicine) and Attallah Kappas. "Increased HO-1 Levels Ameliorate Fatty Liver Development Through a Reduction of Heme and Recruitment of FGF21." *Obesity*. Accepted for publication.

D.J. Kennedy, Y. Chen, W. Huang, J. Viterna, **Jiang Liu** (Pharmacology), K. Westfall, J. Tian, D.J. Bartlett, W.H. Tang, Z. Xie, **Joseph I. Shapiro** (Internal Medicine) and R.L. Silverstein. "CD36 and Na/K-ATPase- $\alpha$ 1 Form a Proinflammatory Signaling Loop in Kidney." *Hypertension*, 2013 Jan;61(1):216-24. Goran Boskovic, faculty (Biochemistry & Microbiology)

**Zeid Khitan** (Internal Medicine) and **Dong Hyun Kim** (OB-GYN). "Fructose: A Key Factor in the Development of Metabolic Syndrome and Hypertension." *Journal of Nutrition and Metabolism*, Vol. 2013, Article ID 682673, Accepted May 14, 2013, in press.

**Dong Hyun Kim**, N. Puri, **Komal Sodhi** (Surgery) J.R. Falck, **Nader G. Abraham** (Internal Medicine), **Joseph I. Shapiro** (Internal Medicine) and M.L. Schwartzman. "Cyclooxygenase-2 Dependent Metabolism of 20-HETE Increases Adiposity and Adipocyte Enlargement in Mesenchymal Stem Cell Derived Adipocytes." *Journal of Lipid Research*, Jan. 4, 2013.

J.K. Lau, K.C. Brown, B.A. Thornhill, C.M. Crabtree, A.M. Dom, T.R. Witte, **W.E. Hardman** (Biochemistry & Microbiology), C.A. McNees, C.A. Stover, H. Luo, Y.C. Chen, **A.B. Carpenter** (Anatomy & Pathology) and **P. Dasgupta** (Pharmacology, Physiology & Toxicology). "Inhibition of cholinergic signaling causes apoptosis in human bronchioalveolar carcinoma." *Cancer Research*, 2013, Feb 15;73(4):1328-39. Epub Dec. 7, 2012. PMID: 23222296

**A. Maghrabi**, **A. Yaqub** (Internal Medicine), **K.L. Denning** (Anatomy & Pathology), **N. Benhamed** (Internal Medicine) and **S. Faiz**, **T. Saleem**. "Challenges in the Diagnostic Work-Up and Management of Patients with SCS and Bilateral Adrenal Masses." *Endocrine Practice*. 2013 Feb 20;1-22. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/23425643>.

**Nancy Norton** (Anatomy & Pathology), R.J. Stanek and **Maurice A. Mufson** (Internal Medicine). "Pneumococcal Vaccination of Children Provokes New Serotype Patterns with Invasive Pneumococcal Disease in Adults and Children." *American Journal of Medical Science*, 2013 Feb; 345(2):112-20.

N. Puri, F. Zhang, S.R. Monu, **Komal Sodhi** (Surgery), L. Bellner, B.D. Lamon, Y. Zhang, **Nader G. Abraham** (Internal Medicine) and A. Nasjletti. "Antioxidants Condition Pleiotropic Vascular Responses to Exogenous H<sub>2</sub>O<sub>2</sub>: Role of Modulation of Vascular TP Receptors and the Heme Oxygenase System." *Antioxidants & Redox Signaling*, 2013 Feb 10;18(5):471-80.

L. Vanella, **Komal Sodhi**, **D.H. Kim**, N. Puri, M. Maheshwari, T.D. Hinds, L. Bellner, D. Goldstein, S.J. Peterson, **Joseph I. Shapiro** and **Nader Abraham** (senior). "Increased heme-oxygenase 1 expression decreases adipocyte differentiation and lipid accumulation in mesenchymal stem cells via upregulation of the canonical Wnt signaling cascade." *Stem Cell Research & Therapy*, 2013 Mar 12;4(2):28.

continued on page 14

## Obstetrics & Gynecology

**Jennie Yoost**, et al. "Use of the Levonorgestrel Intrauterine System in Adolescents with Endometriosis." *Journal of Pediatric Adolescent Gynecology*, 26:120-124, 2013.

## Orthopaedics

M. Bhandari, P. Tornetta, S.A. Rampersad, S. Sprague, D. Heels-Ansdell, D.W. Sanders, E.H. Schemitsch, M. Swiontkowski and S. Walter; SPRINT Investigators (contributor **Franklin D. Shuler**). "Size Matters! An Examination of Sample Size from the SPRINT Trial." *Journal of Orthopedic Trauma*. 2013 Jan-Feb;109(1):22-5.

C. Courtney, **Rose M. Rine** (Physical Therapy), D. Jenk, J.A. Mitol, P.D. Collier, M. Maceda and A. Waters. "Enhanced Proprioceptive Acuity at the Knee in the Competitive Athlete." *Journal of Orthopedic and Sport Physical Therapy*, March 18, 2013.

**Jeffrey D. Kim**, **C.E. Giangarra**, B. Mo, S.R. Gibbs, T. Belmaggio and **Franklin Shuler**. "Traumatic laryngeal fracture in a collegiate basketball player." *Sports Health: A Multidisciplinary Approach*, Jan. 24, 2013.

**Rose M. Rine** (Physical Therapy), M.C. Schubert, S.L. Whitney, D. Roberts, M.S. Redfern, M.C. Musolino, J.L. Roche, D.P. Steed, B. Corbin, C. Lin, G.F. Marchetti, Jennifer Beaumont, J. Carey, N.P. Shepard, G.P. Jacobson, D.M. Wrisley, H.J. Hoffman, G. Furman and J. Slotkin. "Vestibular testing using the NIH Toolbox." *Neurology*, 2013.

**Franklin D. Shuler**, J. Hendrix, S. Hodroge and A. Short. "Antibiotic-like actions of vitamin D." *The West Virginia Medical Journal*, 2013 Jan-Feb;109(1):22-5.

## Pediatrics

Awni Al-Subu, Lauren Bevins, Dementieva Yulia and **Yoram Elitsur**.

"The accuracy of endoscopic features in Eosinophilic Esophagitis: The experience in children from rural West Virginia." *Journal of Clinical Gastroenterology*, Nov-Dec 2012, Vol. 46, pp. e83-e86.

**Yoram Elitsur**, R. Elitsur, L. Butcher and V. Lund. "Colon preparation in children; head to head comparison between 2 and 4 days PEG 3350 protocols." *World Journal of Gastrointestinal Endoscopy*, accepted, in press.

**Yoram Elitsur**, R. Aswani, V. Lund and Y. Dementieva. "Seasonal Trend of Eosinophilic Esophagitis in Children." *Gastroenterology*, in press, 2013.

R. Gill and **Yoram Elitsur**. "Race and Eosinophilic Esophagitis." *American Journal of Gastroenterology*, in press, 2013.

## Pharmacology, Physiology & Toxicology

A.D. Belalcazar, K. Doyle, J. Hogan, D. Neff and **Simon Collier**. "Insect wing membrane topography is determined by the dorsal wing epithelium." *G3*, Bethesda, Md. 2013 Jan;3(1):5-8.

E. Kim, B. Owen, W.R. Holmes and **L.M. Grover**. "Decreased afferent excitability contributes to synaptic depression during high frequency stimulation in hippocampal area CA1." *Journal of Neurophysiology*. 108, 1965-76, 2012.

S.J. Fletcher, N.S. Kalupahana, M. Soltani-Bejnood, **Jung H. Kim**, A.M. Saxton, D.H. Wasserman, B. De Taeye, B.H. Voy, A. Quignard-Boulange and N. Moustaid-Moussa. "Transgenic mice overexpressing Renin exhibit glucose intolerance and diet-genotype interactions." *Frontiers in Endocrinology (Lausanne)*, January 2013.

A.B. Lamyathong, J.M. Brown, J. G. Ball, J. Wolfe and **M.A. Valentovic**. "Novel Protective Mechanisms for Acetaminophen (APAP) Hepatic Toxicity

by S-Adenosyl-L-methionine (SAME). *Experimental Biology*, Abstract #1106.2, 2013.

J. Fei, H. Tamski, C. Cook and **N. Santanam**. "MicroRNA regulation of adipose derived stem cell in aging rats." *PLoS ONE* 8, e59238, 2013.

**M.A. Valentovic**, J.G. Ball, S. Van Meter, M. Wright, B. Brown and R. Miller. "Resveratrol alters subcellular changes in Oxidative Stress mediated by Cisplatin in Rat Renal Tissue." *Experimental Biology*, Abstract # 890.1, 2013.

## Psychiatry & Behavioral Medicine

**Mossimo Bardi**, M. True, C.L. Franssen, C. Kaufman, A. Ruzicidlo and K.G. Lambert. "Effort-Based Reward (EBR) training enhances neurobiological efficiency in a problem-solving task: Insights for depression therapies." *Brain Research*. Jan. 15;1490:101-10, 2013.

S. Wemm, A. Fanean, A. Baker, E.R. Blough, S. Mewaldt and **Mossimo Bardi**. "Problematic drinking and physiological responses among female college students." *Alcohol* (Fayetteville, N.Y.), Jan. 17, 2013.

**Kelly Melvin**. "Acute chorea in a child after starting methylphenidate: A case report." *Cureus*, 5(1): e90, 2013.

**Kelly Melvin**, D. Hourani. "Datura stramonium toxicity mistakenly diagnosed as 'bath salt' intoxication: a case report." *West Virginia Medical Journal*, in press, Jan.-Feb. 2014.

## Surgery

B. Mo, V. Garla and **Lawrence M. Wyner**. "A case of congenital unilateral absence of the vas deferens." *International Medical Case Reports Journal*, 6:21-23, 2013.

**Lawrence M. Wyner**. "Captain Lord's Uremia." *Turkish Journal of Urology*, in press, 2013.



## Grants Funded

### Anatomy & Pathology

**Maria Serrat** (PI) and undergraduate student **Jenna Vance** were awarded a \$5,000 research grant from the NASA West Virginia Space Grant Consortium to fund Jenna's Undergraduate Fellowship project titled, "Unilateral heating: A novel model to induce differential extremity growth in mice."

### Biochemistry & Microbiology

**W. Elaine Hardman**. "Dietary Walnut to Reduce Risk Factors for Breast Cancer Recurrence – a clinical trial to determine if 2 weeks consumption of walnut will alter gene expression in new discovered breast cancers." California Walnut Commission/AICR. \$99,022, February 2013 to January 2014.

**W. Elaine Hardman** (PI). "Omega 3 induced epigenetic change in CLL." WV-INBRE, \$10,000, October 2013 to April 2014.

**W. Elaine Hardman**. Pilot Trial: Feasibility and Safety of Nutritional Supplementation with Omega-3 Fatty Acids to Reduce Prostate Specific Antigen Rise in Men with Biochemical Failure after Prostatectomy or External-Beam Radiotherapy – a clinical trial to determine the efficacy of omega 3 fatty acids to slow or reverse the rise of PSA in men with recurrent prostate cancer." JCESOM. \$25,000, January 2013 to January 2014.

**Donald Primerano** (Contributor). "Nutrition and Cancer Center of Biomedical Research Excellence." NIH NIGMS, \$7,500,000, November 2013 to October 2018.

### Family & Community Health

**Charles Clements**. "Marshall Medical Outreach: Measuring Success and Reintegration into the Healthcare System." Robert C. Byrd Center for Rural Health, \$15,000, January to December 2013.

**Dilip Nair** (PI). "Student Externship Matching Grant Program." American Academy of Family Physicians Foundation, \$2,500, 2013.

### Internal Medicine

**Henry K. Driscoll** is a co-investigator on a grant which was funded by the NASA West Virginia EPSCoR program. **Miaozong Wu**, who is headquartered in the School of Pharmacy, is the Principal Investigator, and the project is titled, "Obesity-Induced Alteration of Bone Structure and Function: Molecular Mechanisms and DMSO Intervention." The objective of the project is to study how obesity affects bone quality and to prevent metabolic syndrome-induced bone dysfunction.

### Pharmacology, Physiology & Toxicology

**Jiang Liu** (PI). "Oxidative Stress, Na/K-ATPase Signaling and Salt Sensitivity." National Science Foundation, \$759,087, October 2013 to September 2019.

**Jiang Liu** (PI). "ROS and Na/K-ATPase Signaling in Control of Renal Proximal Tubular Salt Handling and Salt-Sensitivity." NIH, \$250,000, June 2013 to May 2018.

**Travis B. Salisbury** (PI). "Defining adipokine and aryl hydrocarbon receptor regulatory targets." NIH, \$1,250,000, July 2013.

### Surgery

**James Jensen** (Co-PI). "Pilot Trial: Feasibility and Safety of Nutritional Supplementation with Omega-3 Fatty Acids to Reduce Prostate Specific Antigen Rise in Men with Biochemical Failure after Prostatectomy or External-Beam Radiotherapy." JCESOM, \$25,000, January 2013 to January 2014.

### Multidisciplinary

**Nalini Santanam** (Pharmacology, Physiology & Toxicology) is the recipient of the first Marshall Health Translational Grant Program, "Impact of technology-

*Congratulations!*



**Dr. Monica Valentovic**, Pharmacology, is the senior recipient for the Sciences & Technology category of the Marshall University Distinguished Artists and Scholars Award, which recognizes distinction in the fields of artistic and scholarly activity on the part of the Marshall faculty.

based intervention on molecular and clinical parameters in patients with Type 2 Diabetes." She collaborates with **Abid Yaqub** and **Todd Gress**, both Internal Medicine, \$25,000, 2012-2013.

**Nalini Santanam** (Pharmacology, Physiology & Toxicology) is the recipient of the first Marshall Health Translational Grant Program, "Perivascular Fat relation to Hypertension." She collaborates with **Paulette Wehner** (Cardiovascular Services) and **Todd Gress** (Internal Medicine), \$25,000, 2013-2014.

**Nalini Santanam** (Pharmacology, Physiology & Toxicology) is the recipient of the JCESOM-Internal Medicine Pilot Translational Grant, "Effect of niacin on endothelial cell function in patients with chronic kidney disease." She collaborates with **Tariq Rehman** (Internal Medicine), \$10,000, 2012-2013.

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**Nalini Santanam** (Pharmacology, Physiology & Toxicology) is the recipient of the JCESOM-Internal Medicine Pilot Translational Grant, "Role of adipokines in Post-menopausal Hypertension." She collaborates with **Abid Yaqub** (Internal Medicine), \$10,000, 2012-2013.

## International Meeting Presentations

### Anatomy & Pathology

**Sasha Zill** was a visiting professor at the DFG (German National Science Foundation), April 2013.

### Pharmacology, Physiology & Toxicology

**Nalini Santanam** (oral presentation), Brenda Dawley. "Endometriosis and Antioxidants." Second Fertility and Antioxidant meeting, International Society of Antioxidants in Nutrition and Health, Paris, France, Dec 6-7, 2012.

**Nalini Santanam** (oral presentation and chair of two scientific sessions). "Nutraceuticals in Cardiometabolic Diseases." International Conference on Bioactive Phytochemicals and Therapeutics (ICBPT 2013), Annamalai University, Chidambaram, Tamil Nadu, India, April 5-7, 2013.

**Nalini Santanam** chaired two sessions and was an invited speaker at the Second Fertility and Antioxidant meeting, International Society of Antioxidants in Nutrition and Health, Paris, France, Dec. 6-7, 2012.

**Nalini Santanam** chaired two sessions and was an invited speaker at the International Conference on Phytochemicals and Therapeutics, Chidambaram, Tamil Nadu, India, April 5-7, 2013.

## National Meeting Presentations

### Anatomy & Pathology

**Maria A. Serrat.** "Temperature enhanced bone elongation in cartilage growth plates." Invited research seminar at the Kopchick Lab, Edison Biotechnology Institute at Ohio University, Athens, Ohio, Jan. 23, 2013.

**Maria Serrat.** "Temperature effects on the growth plate and its vasculature." Invited podium presentation at the American Physiological Society Symposium Held at Experimental Biology Conference in Boston, Mass., April 20-24, 2013.

### Biochemistry & Microbiology

**Terry Fenger.** National Institute of Justice Social Science Research on Forensic Science: Oral Presentation at the Topical Working Group Meeting, Washington, D.C., Jan. 23-24, 2013.

Y. Yin, F.H. Damron, T.R. Withers, C.L. Pritchett, M.J. Schurr and **Hongwei Yu.** "Regulatory network of a small envelope protein MucE in *Pseudomonas aeruginosa*." Poster presentation at the Mid-Atlantic Microbial Pathogenesis Meeting (MAMPM), Wintergreen Resort, Va., Jan. 27-29, 2013.

### Family & Community Health

**Charles Clements.** "Group Dynamics in Wilderness Setting," "Childbirth at 20,000 Feet," "Avalanche Basics," "Selection of Medication in the Wilderness Setting," and "Evaluation of Chronic Disease for Wilderness Setting." Presentations at the Wilderness Medical Society Elective, Townsend, Tenn., February 2013.

### Internal Medicine

**Vishnu V. Garla** (PGY 3), **Randa N. AiJayoussi**, **Henry Keane Driscoll** and **Christine Oakley.** "Cushings Syndrome Secondary to Squamous Cell Cancer of the Lung: A Case Report." Poster presented at the West

Virginia chapter, American College of Physicians Conference, 2012. It will also be presented at ENDO, the Endocrine Society 95th Annual Meeting in San Francisco, June 15-18, 2013.

### Neuroscience

**Justin M. Nolte.** "Association between Low CBV and ICH in Acute Stroke Patients Undergoing Intra-arterial Therapy." Poster presented at the 2013 International Stroke Conference, Honolulu, Feb. 5-8, 2013.

### Obstetrics & Gynecology

**Jennie Yoost.** "A retrospective review of the application of the Patient Health Questionnaire-9 in routine screening for depression among adolescents." Poster presented at the North American Society of Pediatric and Adolescent Gynecology, San Diego, April 2013.

### Orthopaedics

**Franklin Shuler.** Two presentations, "Anterior Cruciate Ligament (ACL) Reconstruction in Obese Patients," and "Where Can Orthopaedic Hardware Safely Be Placed for Syndesmosis." Also a poster presentation, "Laser Targeting with C-arm Fluoroscopy: Effect on image acquisition and radiation exposure." American Academy of Orthopaedic Surgery Annual Meeting, Chicago, March 19-23, 2013.

### Pediatrics

**Tarek Husien, Yoram Elitsur and Baraa Alabd Alrazzak.** "The correlation between clinical and laboratory characteristics and the positive outcome of upper gastrointestinal endoscopies in pediatrics population." Poster presented at the Pediatrics Academics Societies conference in Washington, D.C., May 4-7, 2013.

### Pharmacology, Physiology & Toxicology

Justin Tomblin, Gary Morris, Ateeq Chaudhry and **Travis Salisbury.** "AHR agonists inhibit IGF-2 stimulated Human Breast Cancer Cell Growth."

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*Congratulations!*



**Charles W. Clements** received the Dr. Carolyn B. Hunter Distinguished Faculty Service Award for 2012-2013, an award created by the Marshall University Alumni Association for the purpose of recognizing outstanding achievements and providing incentives for continued service from faculty to the community, the university and students in their respective field.

#### *Awards & Honors continued from page 16*

Poster presented at Society for Toxicology Conference 52nd Annual Meeting, San Antonio, March 10-14, 2013.

**Nalini Santanam** was an invited speaker in the American Heart Association Scientific sessions held in Los Angeles, Nov. 5, 2012.

**Nalini Santanam.** "Sex Differences in Epicardial Fat Biomarkers." Presented at the American Heart Association Scientific Sessions, Los Angeles, Nov. 3-7, 2012.

**M.A. Valentovic,** J.G. Ball, S. Van Meter, M. Wright, B. Brown and R. Miller.

"Resveratrol alters subcellular changes in Oxidative Stress mediated by Cisplatin in Rat Renal Tissue." Presented at the Society of Toxicology Meeting San Antonio, March 2013.

#### **Psychiatry & Behavioral Medicine**

**Mossimo Bardi.** "A New Perspective on Coping Mechanisms." Oral presentation at Randolph-Macon College Honor Seminars, Ashland, Va., 2013.

**Joan Catherine Viksjo and Marie Veitia.** "Building a Multi-Faceted Career Counseling Program for Medical Students: Fostering Meaning & Mission Across the Lifespan." Oral presentation at the Association of American Medical Colleges (AAMC) Professional Development Student Affairs Conference, San Diego, June 2013.

#### **Surgery**

**Kamran Abolmaali and Wade G. Douglas.** "Management of a very large adrenal adenoma." Poster presented at the Southeastern Surgical Society in Florida, February 2013.

#### **Multidisciplinary**

**Travis Salisbury** (Pharmacology, Physiology & Toxicology), **Donald Primerano** (Biochemistry & Microbiology), Goran Boskovic and Jim Denvir. "RNA sequencing Reveals New Aryl Hydrocarbon Receptor Regulatory Targets in Human Breast Cancer Cells." Poster presented at the Society for Toxicology Conference 52nd Annual Meeting, San Antonio, March 10-14, 2013.

### **Regional Meeting Presentations**

#### **Biochemistry & Microbiology**

**Terry Fenger.** "Drug Abuse & Response." Invited presentation to Congressman Nick Rahall and Sen. Jay Rockefeller in Huntington, Feb. 21, 2013.

#### **Family Medicine & Community Health**

**Dilip Nair.** "Evaluating an Unknown Skin Condition." Invited lecture at the West Virginia Academy of Family Physicians' 61st Scientific Assembly, Charleston, W.Va., April 18-20, 2013.

**John A. Parker Jr.,** was program chairman for the Annual Scientific Assembly of the West Virginia Academy of Family Physicians, held April 18-20 in Charleston, W.Va.

#### **Internal Medicine**

**Henry K. Driscoll.** "Principles of Basal-Bolus Insulin Therapy and Carbohydrate Counting." Invited presentation at the West Virginia Academy of Nutrition and Dietetics 2013 Annual Meeting on March 21, 2013.

**Maria R. Tirona.** "Breast Cancer Screening Update and Controversies." West Virginia Oncology Society Spring Meeting, Daniels, W.Va, April 19, 2013.

#### **Pharmacology, Physiology & Toxicology**

**Lawrence M. Grover.** "Sleep Deprivation and Hippocampal Function." Invited seminar during Annual Meeting of the West Virginia Sleep Society, Oct. 12-13, 2012, Parkersburg, W.Va.

**Travis Salisbury.** "Aryl hydrocarbon receptor ligands inhibit mitogenic adipokines." Invited seminar at Glenville State College, Glenville, W.Va., April 10, 2013.

### **Local Meeting Presentations**

#### **Internal Medicine**

**Maria R. Tirona.** "Cancer Survivorship Issues Pertinent to Primary Care Physicians." Chairperson and speaker at the Fourth Annual Hematology-Oncology Update for the Primary Care Physician, Huntington, April 26, 2013.

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## Neuroscience

**Sona K. Shah.** "Diagnosis and Medical Management of Patients with Peripheral Nerve Injury/Pathology." Invited Lecture at the Marshall University School of Physical Therapy, April 2013.

**Sona K. Shah.** "What's Rush, Indication of Emergent EEG and EMG." Invited lecture at the Mid Atlantic Neurodiagnostic Society Third Annual Conference, St. Mary's Medical Center, Huntington, April 6-7, 2013.

## Online/Satellite Presentations

### Biochemistry & Microbiology

**Pier Paulo Claudio.** "ChemolD assay for personalized chemotherapy in solid tumors." Target Meetings, Second World Molecular & Cell Biology Online Conference, Feb. 5-8, 2013.

**W. Elaine Hardman.** "Whole foods or their bioactive components? What comes first: the Food or the Nutrient." An invited oral presentation for the Satellite Session at Experimental Biology, April 19, 2013. Other presenters at this session were Drs. David R. Jacobs, University of Minnesota; David L. Katz, Yale University; Barbara Shukitt-Hale, Tufts University; and Penny Kris-Etherton, The Pennsylvania State University.

## Newswatch

### Biochemistry & Microbiology

**Terry Fenger.** "DNA Identification King Richard III." Invited to speak on Radio Show 94.1 AM, Huntington, Feb. 13, 2013.

### Internal Medicine

**Shirley Neitch** published, "Advancing to Leadership", in the national quarterly newsletter of Group on Women in Medicine and Science, GWIMS, Spring 2013.

## Multidisciplinary

**Paulette Wehner** (Cardiovascular Services) was interviewed by West Virginia Public Broadcasting on her collaborative study with **Nalini Santanam** (Pharmacology, Physiology & Toxicology). ([www.wvpubcast.org/newsarticle.aspx?id=29305](http://www.wvpubcast.org/newsarticle.aspx?id=29305))

## Staff Achievements

**Amy Smith**, Office of Medical Education, has earned her master's degree in medical education from the University of Cincinnati, 2013.

## Student Achievements

**Kristeena Ray**, second year Ph.D. student in **Nalini Santanam's** laboratory, was the recipient of the "Best Poster Presentation Award" for her presentation at the first Appalachian Regional Cell Conference in Charleston, W.Va., in October 2012. ([www.marshall.edu/wpmu/bms/tag/kristeena-ray/](http://www.marshall.edu/wpmu/bms/tag/kristeena-ray/))

**Kristeena Ray**, second year Ph.D. student in **Nalini Santanam's** laboratory, presented at the Marshall University Biomedical Sciences Program Teen Sciences Café held on March 6, 2013, at the Robert C Byrd Technology Center. ([www.marshall.edu/wpmu/bms/teen-science-cafe-to-be-held-at-marshall-on-march-6-2013/](http://www.marshall.edu/wpmu/bms/teen-science-cafe-to-be-held-at-marshall-on-march-6-2013/))

**Kristeena Ray**, second year Ph.D. student in **Nalini Santanam's** laboratory, has been awarded the American Society for Biochemistry and Molecular Biology (ASBMB) Graduate Minority Travel Award, which is funded through a grant from the Federation of American Societies. Kristeena traveled to Boston, Mass., in April to present her research on the Epigenetics in Endometriosis at the 2013 Experimental Biology Conference. ([www.marshall.edu/wpmu/bms/ray-awarded-the-asbmb-graduate-travel-award/](http://www.marshall.edu/wpmu/bms/ray-awarded-the-asbmb-graduate-travel-award/))

## Joan C. Edwards School of Medicine physician authors book on medical poetry



Dr. Aaron M. McGuffin, senior associate dean for medical education in the Joan C. Edwards School of Medicine, has published a new poetry book titled *Common Illness*

that showcases creative writings from his experiences as a physician.

McGuffin, who is board certified in internal medicine and pediatrics, credits his mother, an English teacher, for stoking his passion for creative writing.

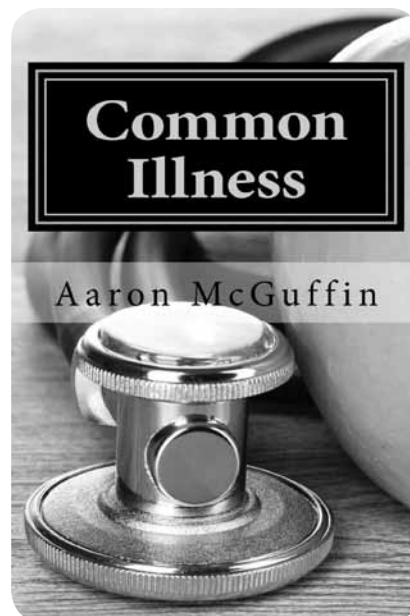
"My mom inspired me to write and express my feelings in a way that isn't always synonymous with the medical profession," McGuffin said. "Writing

provides a release for me and in some ways has helped me become a better doctor by improving my observation skills and developing a heightened sense of empathy."

He said he hopes his poetry provides insight into physicians' perspectives on providing patient care and will allow the reader to laugh and cry through related personal experiences.

In addition to *Common Illness*, McGuffin has authored several poems that have been published in medical journals. *Common Illness* is available on Amazon and for the Kindle beginning in June.

McGuffin is a Huntington native who graduated from the Joan C. Edwards School of Medicine in 1999. He also completed a residency in Internal Medicine/Pediatrics at Marshall.



## Marshall Health appoints new director of pharmacy services



Brian A. Gallagher, R.Ph., J.D., is the new director of pharmacy services with Marshall Health for the Joan C. Edwards School of Medicine and the Marshall University

School of Pharmacy. He has a joint faculty appointment in both schools.

Gallagher, a West Virginia native, most recently served as senior vice president of government affairs for the American Pharmacists Association in Washington, D.C.

School of Medicine Dean Dr. Joseph I. Shapiro said Gallagher's knowledge of

the medical and pharmacy industries allows Marshall to expand in new areas.

"As Marshall begins to build on a collaborative system within its health sciences programs, individuals with diverse skills will be required to help design and create our initiatives," Shapiro said. "Brian Gallagher has the expertise we need and we are thrilled to have him as part of our team."

In addition to his position with American Pharmacists Association, Gallagher has held a wide variety of posts, including vice president for regulatory compliance for Rite Aid, vice president of risk management and governance for NDCHealth, general counsel for TechRx, director of pharmacy regulatory affairs for the National Association of Chain Drug Stores and general counsel for WVU

Hospitals.

Gallagher served for eight years in the West Virginia House of Delegates, where he was chairman of both the Banking and Insurance and Legislative Rule Making Review Committees. He authored a wide variety of statutes, including the Pharmacy Practice Act.

Gallagher graduated from West Virginia University in 1981 with a B.S. in pharmacy and received his law degree from Wake Forest University in 1984. He is admitted to the West Virginia, Georgia and Pennsylvania bars and is licensed to practice pharmacy in West Virginia.

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